

CLAIMS

1. An apparatus for providing an emergency procedure assisting requirement during an assisted routine checking procedure comprising:
a computer having a computer program configured to effect a visual display interpretable in each case by a user as a checking requirement in an order of the steps provided within a memory of said computer by said program associated with said computer;
a manually operable initiation routine request member electrically connected to said computer to effect, for each manual activation, through said computer program, a signal effecting a change of a visual display showing a next checking requirement;
and,
an emergency request element comprising a manually operable emergency request initiation member positioned in a close physical location to said manually operable initiation routine request member, electrically connected to said computer to effect a visual display showing an emergency checking requirement which is provided from said memory of said computer and is selected through said computer program to display a subsequent checking requirement which is matched within said computer program to be an appropriate requirement at a step for routine checking that is a current selection.
2. The apparatus of claim 1 further comprising:
said computer program further comprising instructions to initiate or effect directly in correlation with and as each visual display is being displayed, a user interpretable audible signal uniquely identifying one or more of said checking requirement.

3. The apparatus of claim 2 further wherein said audible signal is generated by replication of text corresponding to said checking requirement into spoken word.

4. An apparatus for providing an emergency procedure assisting requirement during an assisted routine checking procedure comprising:

said apparatus configured for use during operation of an aircraft within said aircraft and comprising a self contained body;

said body comprising a self contained supply of electrical power further comprising within said body a computer comprising a computer program element configured to effect a visual display visible from outside of said body and interpretable in each case by a user as a checking requirement in an order of the steps provided within a memory of said computer and as initiated by said user;

a manually operable initiation routine request member electrically connected to said computer configured to effect, for each manual activation, through said computer program a signal effecting a change of a visual display showing a next checking requirement;

an emergency request element comprising a manually operable emergency request initiation member positioned in a close physical location to said manually operable initiation routine request member electrically connected to said computer to effect a visual display of an emergency checking requirement which is provided from said memory of said computer and is selected through said computer program to display a

subsequent checking requirement which is matched within said computer program to be an appropriate requirement at a step for routine checking that is a current selection.

5. The apparatus of claim 4 further comprising:

said computer program further comprising instructions to initiate or effect directly in correlation with and as each visual display is being displayed, a user interpretable audible signal uniquely identifying one or more of said checking requirement.

6. The apparatus of claim 5 further wherein said audible signal is generated by replication of text corresponding to said checking requirement into spoken word.

7. A method of effecting emergency assistance during a routine checking procedure comprising:

initializing a computer program running on a computer;

providing a visual display interpretable in each case by a user as a checking requirement in an order of the steps provided within a memory via said computer program on said computer;

operating a manually operable initiation routine request member electrically connected to said computer;

effecting a change of a visual display for each manual activation of said request member;

showing a next checking requirement;

operating a manually operable emergency request initiation member in a close physical location to said manually operable initiation routine request member, wherein said

manually operable emergency request initiation member is electrically connected to said computer to effect a visual display of an emergency checking requirement which is provided from said memory of said computer;

selecting through said computer program a checking requirement to display which is matched within the computer program to be an appropriate requirement at the step for routine checking that is a current selection;

initiating said manually operable initiation routine request member from time to time as per each routine check in accord with said checking requirement being displayed, is to ensure said checking requirement is complied with in the event of an emergency;

initiating the manually operable initiation emergency request member located in the close physical location to the first said initiation member, which then acts in accord with a current step position of routine checking; and,

responding appropriately to said emergency checking requirements.